



## REQUEST AND RECOMMENDATION

### ONE YEAR OPTION

#### 900+ Clock Hour Programs - Medical Sonography

#### Background:

To provide another option for adult students to apply prior learning toward a degree, Ohio legislators established what has come to be known as the One-Year-Option through Section 363.120 House Bill 59 of the 130<sup>th</sup> General Assembly. The Chancellor of the Ohio Department of Higher Education, in consultation with the Superintendent of Public Instruction and the Governor's Office of Workforce Transformation, was tasked to establish a One-Year Option credit articulation system in which graduates of Ohio's adult career-technical institutions who complete a 900-hour program of study AND obtain an industry-recognized credential approved by the Chancellor will be able to receive 30 technical semester credit hours toward a technical degree upon enrollment in a public institution of higher education. The Chancellor was also to recommend a process to award proportional semester credit hours for adult career-technical institution students who complete a program of study between 600 and 899 hours AND obtain an industry-recognized credential approved by the Chancellor. The Chancellor convened a broad group of stakeholders to develop a system of articulation for the One Year Option that was presented in a report to the legislature called, *"Getting to 30: Establishing a One Year Option Credit Articulation System for Ohio."*

In order to implement the system of articulation developed with the stakeholders as well as address accreditation requirements for degree granting institutions, the Chancellor convened Credit Affirmation Teams (CATs) to conduct a peer review of programs and certifications for affirmation for a block of 30 semester hours of technical credit. The CATs were comprised of faculty and administrators from Ohio Technical Centers (OTCs) and an equal number from public degree granting colleges and universities in Ohio. The CATs were organized by four discipline clusters: Health and Allied Health, Building and Industrial Technology, Business and Information Technology, and Services. They were charged with reviewing the certifications and, if necessary, program content, to affirm that students completing the selected program at an Ohio Technical Center and earned approved certifications had demonstrated competencies equivalent to 30 semester hours of technical credit. This technical credit would then be granted, as a block, upon enrollment in a degree granting institution. Additional subject matter experts were consulted when core team members did not have sufficient content knowledge of the program being reviewed.

## Recommendation

As detailed in the attached template, the Health and Allied Health Credit Affirmation Team recommends that students will be eligible for a block of 30 semester hours of technical credit towards an *Associate of Technical Studies in Health and Allied Health Technology* when:

- the student has successfully completed a 900+ clock hour program in Medical Sonography at an Ohio Technical Center.

**And** currently holds **EITHER** of the following credentials:

- American Registry of Diagnostic Medical Sonography (ARMDS) Registered Diagnostic Medical Sonographer
- OR**
- American Registry of Diagnostic Medical Sonography (ARMDS) Registered Diagnostic Cardiac Sonographer

Please note either credential must be current, valid, and in good standing.

End of Comment Period: July 17, 2015 at 2:00 pm  
No comments received, recommend approval

**RECOMMENDATION**

The Vice Chancellor of Academic Affairs has verified that this pathway has met the standards and requirements of the Ohio Board of Regents.

*SDavidson*

*7/25/15*

Stephanie Davidson, Vice Chancellor of Academic Affairs

Date

**APPROVAL**

*John Carey*

*7/30/15*

John Carey, Chancellor

Date

**One-Year Option**  
**Certification Affirmation Template**

*The Program Affirmation Template is designed to provide a common matrix for a peer review process acceptable to the Higher Learning Commission to soundly affirm award 30 semester hours of technical credit for Ohio Technical Center graduates who are eligible for the One Year Option. The template should be completed for every program/subject and signed by the co-chairs of each of the four cluster program areas for every Industry-recognized credential and program reviewed.*

*Please note: All Ohio Technical Centers must be accredited by one of the following: [Council on Occupational Education \(COE\)](#) and/or [Accrediting Commission of Career Schools and Colleges \(ACCSC\)](#).*

<b>Program Name:</b> Medical Sonography	<b>Cluster</b> <input type="checkbox"/> Business & Information Technologies <input checked="" type="checkbox"/> Health/Allied Health <input type="checkbox"/> Industrial Trades <input type="checkbox"/> Service Industries & Agriculture	
<b>CIP Code:</b> 510910		
<b>STEP ONE: CREDENTIAL REVIEW</b>		
	<b>Details/Explanation</b>	<b>Comments</b>
Primary Industry Credential (if there are competing certifications complete page multiple times)	<b>Name:</b> American Registry of Diagnostic Medical Sonographer (ARMDS) Registered Diagnostic Medical Sonographer OR Registered Diagnostic Cardiac Sonographer  <b>Type:</b> <input type="checkbox"/> License <input type="checkbox"/> Registry <input checked="" type="checkbox"/> Certification	<p>In order to obtain a Registered Diagnostics Medical Sonographer or a Registered Diagnostic Cardiac Sonographer credential, candidates must pass the Sonography Principles and Instrumentation (SPI) Examination and one corresponding specialty exam within 5 years of each other.</p> <p>These corresponding exams are different for the Registered Diagnostic Medical Sonographer and the Registered Diagnostic Cardiac Sonographer credentials.</p> <ul style="list-style-type: none"> <li>Specialty exams offered for the Registered Diagnostic Medical Sonographer credential include abdomen, breast, fetal echocardiography, obstetrics &amp; gynecology, and neurosonology.</li> <li>Specialty exams offered for the Registered Diagnostic Cardiac Sonographer credential include adult echocardiography, fetal echocardiography, and pediatric echocardiography.</li> </ul>

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**Certification Affirmation Template**

Program requirements by credentialing body.

In order to sit for the Registered Diagnostics Medical Sonographer or the Registered Diagnostic Cardiac Sonographer credential, students must meet one of the following pathways:

**Pathway 1**

- Applicant will be a graduate from a single two-year allied health education program that is patient care related and have 12 months of full-time clinical experience earned outside the two year program.

**Pathway 2**

- Applicant will be a graduate of CAAHEP accredited diagnostic medical sonography/diagnostic cardiac sonography/vascular technology.

**Pathway 3A**

- Applicant will have a bachelor's degree or foreign degree equivalent to a bachelor's degree and 12 months of full-time clinical ultrasound/vascular experience.

**Pathway 3B**

- Applicant will be a graduate or a student in a bachelor's degree in sonography or vascular technology or foreign degree equivalent to a bachelor's degree in sonography or vascular technology in the U.S. and Canada.

**Pathway 4A1**

- Applicant will have an MD or DO degree earned in the U.S. or Canada and will have a minimum of 800 studies in the area in which he/she is applying.

**Pathway 4B1**

- Applicant will have an MD or DO degree earned outside the U.S. or Canada that is equivalent to those in the U.S. or Canada and will have a minimum of 800 studies in the area in which he/she is applying.

The accrediting body is Council on Accreditation of Allied Health Education Programs (CAAHEP), a nationally recognized accrediting agency in order for its graduates to be able to take the exam.

Accreditation review is completed by Joint Review Committee on Education in Diagnostic Medical Sonography (IRC-DMS).

Standards and guidelines for accreditation were reviewed and are of appropriate rigor.

Link to the web site for JRC-DMS can be found [here](#).

Link to standards and guidelines for accreditation can be found [here](#).

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**Pathway 4B2**

- Applicant will have an MD or DO degree earned outside the U.S. or Canada that is equivalent to those in the U.S. or Canada and will have 12 months of full-time clinical experience earned outside the two year program

**Pathway 5**

- Applicant must hold one of the following active certifications.
  - RCS, RCCS, or RVS through Cardiovascular Credentialing International (CCI)
  - Sonography, Vascular Sonography or Breast Sonography through American Registry of Radiologic Technologist (ARRT), or
  - DMU through Australian Society of Ultrasound in Medicine (ASUM).

**Pathway 6**

- Applicant will be a high school graduate or U.S. or Canadian equivalent of foreign high school graduate with a minimum of 48 months full time clinical ultrasound/vascular experience and a minimum of 3,200 cases in each applied for specialty area.

For more on eligibility requirements, please click [here](#).

Hour Requirements  
(includes any  
instructional, lab/practice  
hours, or internship  
hours).

There are no specific hours required by the American Registry of Diagnostic Medical Sonographer (ARMDS). However, all content must be covered.

**One-Year Option**  
**Certification Affirmation Template**

<p>Competencies demonstrated by credential attainment.</p>	<p>Sonography Principles and Instrumentation (SPI) <a href="#">Exam Competencies</a></p> <p>Competencies for each applicable specialty exam for the Registered Diagnostic Medical Sonographer can be found below.</p> <ul style="list-style-type: none"> <li>• <a href="#">Abdomen Exam Competencies</a></li> <li>• <a href="#">Breast Exam Competencies</a></li> <li>• <a href="#">Fetal Echocardiography Exam Competencies</a></li> <li>• <a href="#">Obstetrics &amp; Gynecology Exam Competencies</a></li> <li>• <a href="#">Neurosonology Exam Competencies</a></li> </ul> <p>Competencies for each applicable specialty exam for the Registered Diagnostic Cardiac Sonographer can be found below.</p> <ul style="list-style-type: none"> <li>• <a href="#">Adult Echocardiography Exam Competencies</a></li> <li>• <a href="#">Fetal Echocardiography Exam Competencies</a></li> <li>• <a href="#">Pediatric Echocardiography Exam Competencies</a></li> </ul>	
<p>Rationale:</p>	<ol style="list-style-type: none"> <li>1) In order to apply for certification, students must be a graduate of CAAHEP accredited diagnostic medical sonography/diagnostic cardiac sonography/vascular technology.</li> <li>2) Other routes of eligibility for the ARMDS Registered Diagnostic Medical Sonographer or Registered Diagnostic Cardiac Sonographer are equally stringent and described above.</li> <li>3) All Medical Sonography Programs are required to adhere to Standards and Guidelines established by CAAHEP. These standards give the program administrators and faculty common language to use and apply competencies to determine levels of student proficiency. Accreditation review is completed by Joint Review Committee on Education in Diagnostic Medical Sonography (IRC-DMS).</li> <li>4) All programs have completed a comprehensive review, which includes a written self-study report and an on-site review conducted by CAAHEP. All programs are required to apply for continuing accreditation verifying that programs are meeting and maintaining the standards.</li> <li>5) The competencies measured by the ARMDS Registered Diagnostic Medical Sonographer or Registered Diagnostic Cardiac Sonographer exams are a result of job-analysis studies and frequent peer-review and thus directly reflect the</li> </ol>	

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industry standards of the Sonography profession.



- 6) The exam is administered by a secure, well-respected, third-party testing company (Pearson VUE) and is primarily delivered in computer-based format to increase security and better maintain up-to-date content delivery.

Taking the reliability of the exam, rigor of the program, and the review of content, the Health Credit Affirmation Team believes that attaining the Registered Diagnostic Medical Sonographer or Registered Diagnostic Cardiac Sonographer credential following completion of a 900+ Ohio Technical Center Medical Sonography program to be equivalent to a block of 30 technical credits for the One-Year Option.

**ONLY IF NECESSARY TO AFFIRM 30 CREDITS----STEP TWO: PROGRAM-RELATED COMPETENCIES OBTAINED OUTSIDE OF PRIMARY CREDENTIAL**

	Details/Explanation	Comments
Additional related complementary credential(s) or badge(s) (e.g. OSHA 10, CPR).		
Competencies demonstrated by additional credential attainment.		
Description of additional program elements beyond primary credential.		
Program related competencies/learning outcomes outside of credential(s). Include how competencies are demonstrated.		
Other Parameters of		

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Competency.																																				
Related Programs as of Fall 2015:	<b>Ohio Technical Center</b> Collins Career Center	<b>Program Name</b> Diagnostic Medical Sonographer	<b>Clock Hours</b> 2200																																	
Committee Members:	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">Name</th> <th style="text-align: left; padding: 5px;">Role</th> <th style="text-align: left; padding: 5px;">Institution</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">Chad Brown</td><td style="padding: 5px;">Co-Chair</td><td style="padding: 5px;">Zane State College</td></tr> <tr><td style="padding: 5px;">Kelly Darney</td><td style="padding: 5px;">Co-Chair</td><td style="padding: 5px;">Columbiana County Career &amp; Technical Center</td></tr> <tr><td style="padding: 5px;">Darline Foltz</td><td style="padding: 5px;">Member</td><td style="padding: 5px;">University of Cincinnati: Clermont College</td></tr> <tr><td style="padding: 5px;">Stacy Franks King</td><td style="padding: 5px;">Member</td><td style="padding: 5px;">Tri-County Adult Career Center</td></tr> <tr><td style="padding: 5px;">Jennifer Hall</td><td style="padding: 5px;">Member</td><td style="padding: 5px;">Cincinnati State Technical and Community College</td></tr> <tr><td style="padding: 5px;">Emeline Kelly</td><td style="padding: 5px;">Member</td><td style="padding: 5px;">Tri-Rivers Career Center</td></tr> <tr><td style="padding: 5px;">Barbara Mikuszewski</td><td style="padding: 5px;">Member</td><td style="padding: 5px;">Cuyahoga Community College</td></tr> <tr><td style="padding: 5px;">Deborah Neal</td><td style="padding: 5px;">Member</td><td style="padding: 5px;">Scioto County Career Technical Center</td></tr> <tr><td style="padding: 5px;">Jami Nininger</td><td style="padding: 5px;">Member</td><td style="padding: 5px;">Knox County Career Center</td></tr> <tr><td style="padding: 5px;">Kathy Wilcox</td><td style="padding: 5px;">Member</td><td style="padding: 5px;">Clark State Community College</td></tr> </tbody> </table>	Name	Role	Institution	Chad Brown	Co-Chair	Zane State College	Kelly Darney	Co-Chair	Columbiana County Career & Technical Center	Darline Foltz	Member	University of Cincinnati: Clermont College	Stacy Franks King	Member	Tri-County Adult Career Center	Jennifer Hall	Member	Cincinnati State Technical and Community College	Emeline Kelly	Member	Tri-Rivers Career Center	Barbara Mikuszewski	Member	Cuyahoga Community College	Deborah Neal	Member	Scioto County Career Technical Center	Jami Nininger	Member	Knox County Career Center	Kathy Wilcox	Member	Clark State Community College		
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<b>OTHER COMMENTS.</b>																																				
<b>AFFIRMED NUMBER OF TECHNICAL BLOCK CREDITS</b>	30 semester hours		<b>LENGTH OF TIME CREDENTIAL CAN BE USED FOR ONE-YEAR OPTION:</b> Must have completed a 900+ hour Medical Sonography program at an Ohio Technical Center and hold an ARMDS certification. Please note these certifications must be current, valid, and in good standing.																																	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="margin-bottom: 10px;">Co-chair signatures:</p> <div style="text-align: center;">             Chad Brown, Provost and Executive Vice President            Zane State College         </div> </div> <div style="width: 45%;"> <div style="text-align: center;">             Kelly Darney, Adult Education Director            Columbiana County Career &amp; Technical Center         </div> </div> </div> <p style="margin-top: 20px;">Date: 5/26/2015</p>																																				